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Certificate of Analysis

Catalogue Number	06348
Lot Number	000424-140927-10853
Product	N-Methyl-L-Leucine benzyl ester 4-toluenesulfonate salt N-Me-L-Leu-OBzl•TosOH
CAS Number	42807-66-9
Molecular Formula	C ₁₄ H ₂₁ NO ₂ ·C ₇ H ₈ O ₃ S
Molecular Weight	407.52

Appearance	White powder
Solubility	Clear solution (0.3 g in 2 ml MeOH)
Melting Point	114.7-132.3 °C
Water Content (Karl Fisher)	0.089%
Optical Rotation	[α] _D ²⁰ = +3.1° (C=2 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.36% (50 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	99.27%
Storage	Store at 0-8 °C
Remarks	See material safety data sheet for additional information For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager